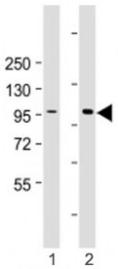
HACE1 Antibody [clone 1854CT757.66.47] (F54120)

Catalog No.	Formulation	Size
F54120-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54120-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1854CT757.66.47
Purity	Protein G purified
UniProt	Q8IYU2
Applications	WB: 1:2000
Limitations	This HACE1 antibody is available for research use only.



Western blot testing of HACE1 antibody at 1:2000: Lane 1) human HEK293 and 2) 293T/17 cell lysate. Predicted molecular weight ~102 kDa.

Description

HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1 is an E3 ubiquitin-protein ligase involved in Golgi membrane fusion and regulation of small GTPases. Acts as a regulator of Golgi membrane dynamics during the cell cycle: recruited to Golgi membrane by Rab proteins and regulates postmitotic Golgi membrane fusion. Acts by mediating ubiquitination during mitotic Golgi disassembly, ubiquitination serving as a signal for Golgi reassembly later, after cell division. Specifically interacts with GTP-bound RAC1, mediating ubiquitination and subsequent degradation of active

RAC1, thereby playing a role in host defense against pathogens. May also act as a transcription regulator via its interaction with RARB. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the HACE1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human HACE1 was used as the immunogen for the HACE1 antibody.

Storage

Aliquot the HACE1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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